

Serial Number 09/339,036

## APPENDIX A

### ABSTRACT OF THE DISCLOSURE

A capacity detecting circuit detects battery voltage and load current, compares the load current to the battery voltage to determine whether the voltage of the battery is sufficient, displays both the current and the relative capacity of the batteries, and cuts off power to the load if the battery voltage is too low, the current is excessive, or if the battery capacity is too low in comparison with said current.

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